

**Abstract**

Reflection-photometric analytical system

The invention concerns a reflection-photometric analytical system having a measuring head (10) comprising a source of radiation (36) and a radiation detector (26) for the reflection-photometric analysis of a target surface (12) of a test object (14) arranged at a distance from the measuring head (10) and in particular of a test strip for body fluids such as urine or blood. A triangulation unit (16) operating on the basis of optical triangulation is proposed for checking the distance without making contact in order to monitor or regulate the measuring distance.

(Fig. 1)